

What is claimed is:

- Sub A1
1. A mobile communication tower comprising:
 - 2 a trailer comprising a chassis, mounted on two or more wheels, a hitch, a plurality
 - 3 of chassis guy wire attaching points and a plurality of leveling mechanisms,
 - 4 a telescopic tower pivotally mounted on the trailer,
 - 5 a mechanism to raise and lower the tower,
 - 6 a plurality of tower guy wire attaching points located on the tower, and
 - 7 a plurality of guy wires each with an upper end attached to one of the tower guy wire
 - 8 attaching points and a lower end attached to one of the chassis guy wire attaching points.
 2. A tower as claimed in claim 1, wherein the chassis has a plurality of retractable outriggers, each outrigger has an outrigger guy wire attaching point and a foot which can be adjusted vertically, wherein the lower end of each guy wire is attached to an outrigger guy wire attaching point.
 3. A method for stabilizing a mobile communications tower comprising the steps of:
 - 3 attaching an upper ends of a plurality of guy wires to the erected tower, attaching the
 - 4 lower ends of the plurality of guy wires to the chassis of the trailer and tightening the plurality of guy wires.
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A2
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4. A mobile lighting tower comprising:

3 a trailer comprising a chassis, mounted on two or more wheels, a hitch, a plurality
of chassis guy wire attaching points and a plurality of leveling mechanisms,
4 a telescopic tower pivotally mounted on the trailer,
5 a mechanism to raise and lower the tower,
6 a plurality of tower guy wire attaching points located on the tower, and
7 a plurality of guy wires each with an upper end attached to one of the tower guy wire
8 attaching points and a lower end attached to one of the chassis guy wire attaching points.

5. A tower as claimed in claim 4, wherein the chassis has a plurality of retractable outriggers,
each outrigger has an outrigger guy wire attaching point and a foot which can be adjusted
vertically, wherein the lower end of each guy wire is attached to an outrigger guy wire
attaching point.

6. A method for stabilizing a mobile lighting tower comprising the steps of:

3 attaching an upper ends of a plurality of guy wires to the erected tower, attaching the
lower ends of the plurality of guy wires to the chassis of the trailer and tightening the
4 plurality of guy wires.